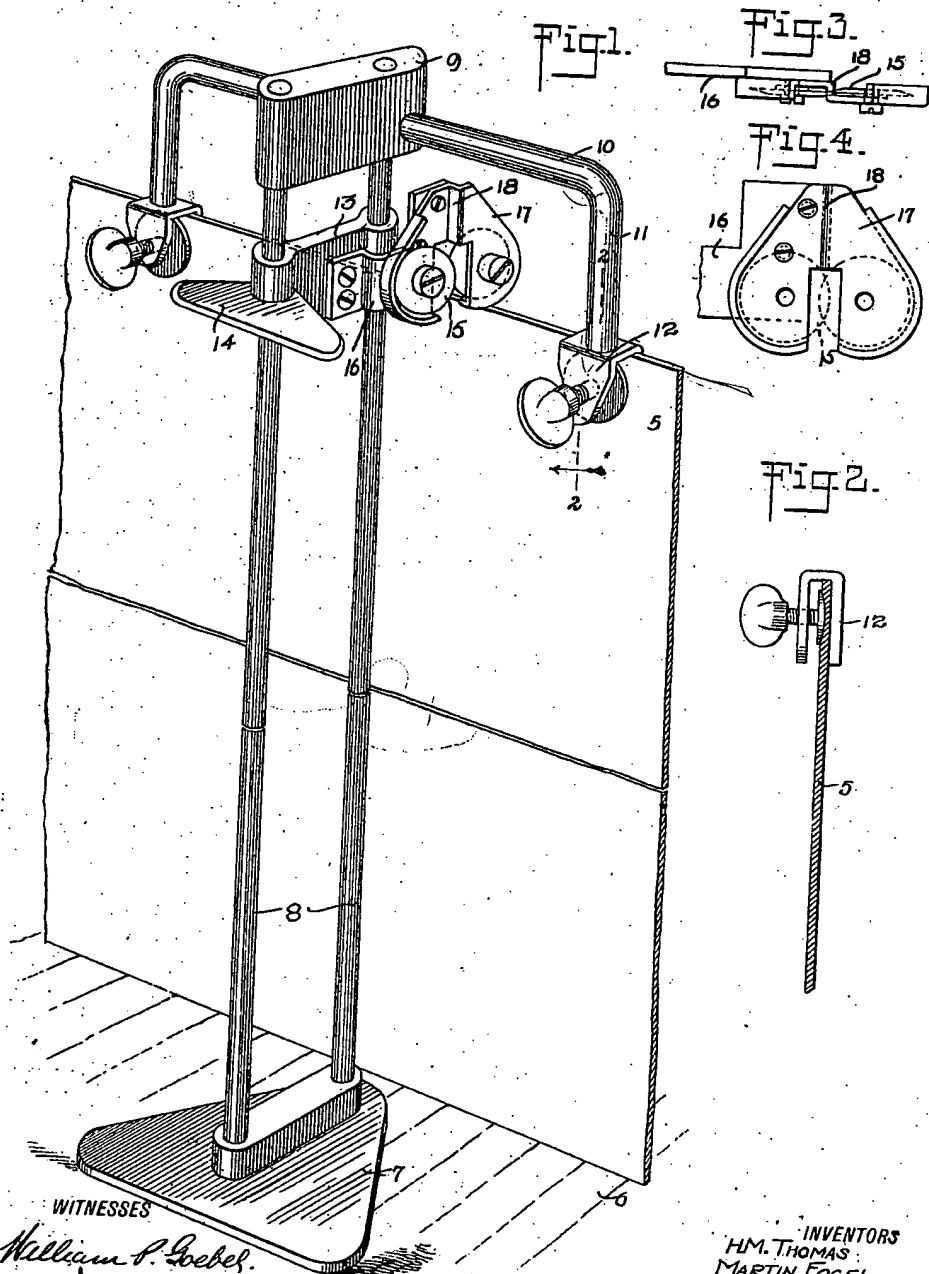


H. M. THOMAS AND M. FOGEL.
SUPPORT AND CUTTER.
APPLICATION FILED JAN. 3, 1921.

1,424,050.

Patented July 25, 1922.



WITNESSES
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HOCKLEY M. THOMAS AND MARTIN FOGEL, OF NEW YORK, N. Y.; SAID FOGEL
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SUPPORT AND CUTTER.

1,424,050.

Specification of Letters Patent. Patented July 25, 1922.

Application filed January 3, 1921. Serial No. 434,659.

To all whom it may concern:

Be it known that we, HOCKLEY M. THOMAS and MARTIN FOGEL, both citizens of the United States, and residents of the city of New York, borough of Manhattan, county of New York, and State of New York, and city of New York, borough of Bronx, county of New York, and State of New York, have invented a new and Improved Support and Cutter, of which the following is a full, clear, and exact description.

Our invention relates to a support and cutter to be associated therewith, and aims to provide certain improvements over the structure embodied in the application to Hockley M. Thomas, Serial #422250, filed November 6, 1920, in that it primarily aims to provide a device of this nature which shall be capable of being more readily associated with a roll of material, where the space existent between the upper edge of the roll and the ceiling is somewhat limited.

A further object of our invention includes the provision of a device of the nature specified which shall be extremely simple in construction, and hence permit of its being manufactured at an extremely low figure.

A still further object of our invention is the provision of a support and cutting device which shall engage the material to be cut in a novel manner.

Further objects of our invention will appear in the annexed specification and drawings, which latter present one practical embodiment of our invention, and in which;

Figure 1 is a perspective view of a supporting device constructed in accordance with our invention, and shown as applied to the material to be cut,

Figure 2 is an enlarged sectional view of Figure 1 taken along the line 2—2 and in the direction of the arrows.

Figure 3 is a plan view of one of the details of construction, and

Figure 4 is a side view thereof.

In these views the reference numeral 5 indicates the material to be cut, which rests upon any suitable supporting surface 6, and to which our improved support and cutting device is applied.

Reference being had to Figure 1, it will be appreciated that our device preferably includes a base portion 7 bearing with its under face upon the surface 6.

A supporting element preferably includ-

ing a pair of columns or rods 8 has its lower end secured to the base 7, and extends upwardly therefrom terminating in a head 9, connecting the upper ends of the columns 8 one to the other.

Now with a view of providing suitable means serving to engage the material 5, a bracket is secured to the head 9, and in the form illustrated, it will be noted that this bracket includes a pair of arms 10 having the outer ends bent downwardly, as at 11, and terminating in a pair of suitable clamping elements 12 adapted to engage the material 5 at a point adjacent the upper edge of the same.

It will be obvious that the clamping elements 12 lie in a plane above the supporting surface 6, equal to that in which the upper edge of the material 5 extends, and it will thus be obvious that the material 5 will be held in the manner illustrated in Figure 1, i. e. in a position at which its lower edge rests upon the surface 6, its body being held in a straight line, and retained in this position by means of the clamping elements 12.

Now with a view of providing suitable cutting means, we conveniently employ a traveler 13 slidably mounted upon the supporting elements 8, and adapted to be moved longitudinally of the same by any suitable means such as a hand piece 14 secured to the traveler 13.

To provide a suitable cutting element, we utilize a pair of rotatable blades 15. An arm 16 has one of its ends secured to the traveler 13 and its opposite end supports a member 17 providing a mounting for the blades 15. It is to be noted, however, that the member 17 includes a shoulder 18 in line with the cutting edges of the blades 15, and overlying the same so that upon the traveler 13 being depressed, it will be obvious that a severance of the material 5 will be effected, which material will be depressed laterally by means of the shoulder 18 forming a part of the member 17, so that the material will be spread as it is cut without friction or hindrance.

It will be appreciated that this cutting action may be continued, and it will be seen that by virtue of the fact that the material 5 is properly retained, that a straight cut will be permitted, thus avoiding any wasteage of material, aside from the fact that by

means of the construction provided, it will not be necessary to manipulate the support to any appreciable extent, in that it will only be incumbent upon the operator to move the entire device to a point at which it lies adjacent one of the faces of the material 5 to be cut, subsequent to which the clamping elements 12 may be manipulated to firmly secure all of the parts in proper position.

Obviously numerous modifications of structure might readily be resorted to without in the least departing from the spirit of our invention, which we claim as;

1. A supporting device for material adapted to lie in a vertical plane, including a base, a column extending upwardly from said base, a traveler slidably mounted upon said column, cutting means for said material secured to said traveler and means connecting said column with the material to be cut at a point adjacent the upper edge of the latter.

2. A supporting device for material adapted to lie in a vertical plane including a base, adapted to rest upon the material supporting surface, a pair of columns secured to said base and extending upwardly therefrom, said columns being adapted to lie adjacent one of the side faces of the material to be cut, a traveler slidably mounted upon said columns a cutter attached to said traveler and means connecting said column with the material to be cut at a point adjacent the upper edge of the latter.

3. A supporting device for material adapted to lie in a vertical plane including a base, a pair of columns secured to said base and extending upwardly therefrom, said columns being adapted to lie adjacent one of the side faces of the material to be cut, a traveler slidably mounted upon said columns, an arm secured to said traveler and extending outwardly therefrom, a pair of rotatable cutters secured to said arm.

4. A supporting device for material adapted to lie in a vertical plane including a base, a pair of columns secured to said base and extending upwardly therefrom, said columns being adapted to lie adjacent one of the side faces of the material to be cut, a traveler slidably mounted upon said columns, an arm secured to said traveler and extending outwardly therefrom, a pair of rotatable cutters secured to said arm, said arm being formed with a notch at a point in line with the cutting contact of said cutter.

5. A supporting and cutting device for material including a base, a column extending upwardly from said base, arms secured adjacent the upper end of said column, material retaining means associated with the ends of said arms, and a cutter movably mounted upon said column, said means being adapted to engage the material to be cut adjacent the upper edge of the latter.

6. A material supporting cutting device

including a base, a column extending upwardly from said base and being adapted to extend beyond one of the side edges of the material to be cut, a traveler slidably mounted upon said column, a hand piece secured adjacent one of the ends of said traveler and extending beyond the same, a supporting member secured adjacent the opposite end of said traveler, and also extending beyond this end portion, cutters associated with said supporting member and means connecting said column with the material to be cut at a point adjacent the upper edge of the latter.

7. A material supporting and cutting device including a base, a column extending upwardly from said base, arms attached adjacent the upper end of said column, said arms being formed with downwardly bent end portions, clamps secured adjacent the outer parts of said end portion, and a cutter movably mounted upon said column.

8. A material supporting and cutting device including a base, a column extending upwardly from said base and being adapted to extend beyond one of the side edges of the material to be cut, a traveler slidably mounted upon said column, a hand piece secured adjacent one of the ends of said traveler and extending beyond the same, a supporting member secured adjacent the opposite end of said traveler, and also extending beyond this end portion and cutters associated with opposite side edges of said supporting member and means connecting said column with the material to be cut at a point adjacent the upper edge of the latter.

9. A material supporting and cutting device including a base, a column extending upwardly from said base and being adapted to extend beyond one of the side edges of the material to be cut, a traveler slidably mounted upon said column, a hand piece secured adjacent one of the ends of said traveler and extending beyond the same, a supporting member secured adjacent the opposite end of said traveler, and also extending beyond this end portion, and cutters associated with said supporting member and a shoulder forming a part of said member, and being disposed at a point in line with the cutting contact of said cutters and means connecting said column with the material to be cut at a point adjacent the upper edge of the latter.

10. A material supporting and cutting device including a base, a plurality of rods having one of their ends secured to said base and extending upwardly therefrom, said rods being adapted to extend adjacent one face of the material to be cut, means for securing said rods to said material, and a cutter movably carried by said rods.

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